**JOINT DECLARATION FOR PATENT APPLICATION**

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **RADIATION TREATED ETHYLENE POLYMERS AND ARTICLES MADE FROM SAID POLYMERS**,

the specification of which

- ☐ is attached hereto.  
☒ was filed on October 17, 2003 as Application Serial Number 10/686,779.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

**Prior Foreign Application(s)**

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under 35 U.S.C. §119
PCT	PCT/ZA03/00053	April 17, 2003		Yes
South Africa	ZA 2002/3121	April 19, 2002		Yes

**Prior United States Application(s)**

We hereby claim the benefit under Title 35, United States Code, §119(e) and 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial Number	Date of Filing (Day, Month, Year)	Status — Patented, Pending, Abandoned
**	**	**

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP patent attorneys associated with Customer Number 27082, the attorneys so associated currently being the following attorneys who are all registered to practice before the U.S. Patent and Trademark Office, their registration numbers being listed after their names:

Mark Lee Hogge, Reg. No. 31,622  
 Daniel E. Fisher, Reg., No. 34,162  
 W. Robinson H. Clark, Reg. No. 41,530  
 Bruce Trauben, Reg. No. 46,392  
 Christopher Casieri, Reg. No. 50,919  
 Steven R. Pedersen, Reg. No. 53,447

All correspondence and telephone communications should be addressed to Dorsey & Whitney LLP, 1001 Pennsylvania Avenue, N.W., Suite 400 South, Washington, D.C. 20004, telephone number (202) 442-3000, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
 First Inventor DU PLESSIS Tjaart Andries  
 Family Name First Given Name Second Given Name

Residence 298 Stokkiesdraai, Erasmusrand, Pretoria, South Africa

Citizenship South Africa

Post Office  
 Address Same As Above

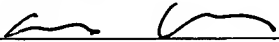
Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
 Second Inventor CHENG Song  
 Family Name First Given Name Second Given Name

Residence 63 Winchester Drive, East Windsor, New Jersey 08520

Citizenship China (People's Republic of China)

Post Office  
 Address Same As Above

Signature  Date 02/04/2004

Full Name of  
 Third Inventor SEUTE Horst  
 Family Name First Given Name Second Given Name

Residence 337 Orion Street, Waterkloof Ridge, Pretoria 0181, South Africa

Citizenship GERMAN

Post Office  
 Address Same As Above

Signature \_\_\_\_\_ Date \_\_\_\_\_

**JOINT DECLARATION FOR PATENT APPLICATION**

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **RADIATION TREATED ETHYLENE POLYMERS AND ARTICLES MADE FROM SAID POLYMERS**,

the specification of which

- ☐ is attached hereto.  
☒ was filed on October 17, 2003 as Application Serial Number 10/686,779.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

**Prior Foreign Application(s)**

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under 35 U.S.C. §119
PCT	PCT/ZA03/00053	April 17, 2003		Yes
South Africa	ZA 2002/3121	April 19, 2002		Yes

**Prior United States Application(s)**

We hereby claim the benefit under Title 35, United States Code, §119(e) and 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial Number	Date of Filing (Day, Month, Year)	Status — Patented, Pending, Abandoned
**	**	**

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP patent attorneys associated with Customer Number 27082, the attorneys so associated currently being the following attorneys who are all registered to practice before the U.S. Patent and Trademark Office, their registration numbers being listed after their names:

Mark Lee Hogge, Reg. No. 31,622  
 Daniel E. Fisher, Reg., No. 34,162  
 W. Robinson H. Clark, Reg. No. 41,530  
 Bruce Trauben, Reg. No. 46,392  
 Christopher Casieri, Reg. No. 50,919  
 Steven R. Pedersen, Reg. No. 53,447

All correspondence and telephone communications should be addressed to Dorsey & Whitney LLP, 1001 Pennsylvania Avenue, N.W., Suite 400 South, Washington, D.C. 20004, telephone number (202) 442-3000, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature  Date 10.2.2004

Full Name of  
 First Inventor DU PLESSIS Tjaart Andries  
 Family Name First Given Name Second Given Name

Residence 298 Stokkiesdraai, Erasmusrand, Pretoria, South Africa

Citizenship South Africa

Post Office  
 Address Same As Above

Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
 Second Inventor CHENG Song  
 Family Name First Given Name Second Given Name

Residence 63 Winchester Drive, East Windsor, New Jersey 08520

Citizenship China (People's Republic of China)

Post Office  
 Address Same As Above

Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
 Third Inventor SEUTE Horst  
 Family Name First Given Name Second Given Name

Residence 337 Orion Street, Waterkloof Ridge, Pretoria 0181, South Africa

Citizenship GERMAN

Post Office  
 Address Same As Above

Signature  Date 10.02.2004